

Title (en)

Vertical-alignment-type liquid crystal display apparatus

Title (de)

Flüssigkristallanzeigevorrichtung

Title (fr)

Dispositif d'affichage à cristal liquide

Publication

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Application

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Abstract (en)

[origin: EP0987582A2] A liquid crystal display apparatus includes a pair of substrates 12,14 having electrodes and vertical alignment layers. A liquid crystal 16 having a negative dielectric anisotropy is inserted between the substrates. Each substrate has linearly arranged alignment control structures 30,32 for controlling the alignment of the liquid crystal. The alignment control structures are formed in the form of projections 30, 32 or slits. Each alignment control structure is formed of a plurality of constituent units 30S,32S. In addition, means can be provided for forming a boundary of alignment of the liquid crystal (singular point in director field) to control the liquid crystal located on the alignment control structures (Fig. 30).
<IMAGE>

IPC 8 full level

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CPC (source: EP KR US)

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